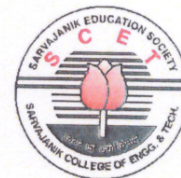




SARVAJANIK
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SARVAJANIK UNIVERSITY
Sarvajani College of Engineering and Technology



Bachelor of Technology (B.Tech)

B. Tech. Semester III

Subject Name: Essence of Indian Traditional Knowledge

Subject Code: BTMD17301

Type of course: HSM: Humanities and Social Science including Management

Prerequisite: Zeal to learn the subject.

Rationale: To get a knowledge in Indian Philosophical Foundations.
To know Indian languages and literature and the fine arts in India & their philosophy. To explore the science and scientists of medieval and modern India

Teaching and Examination Scheme:

				Theory Marks			Practical Marks		Total
L	T	P	C	TEE	CA1	CA2	TEP	CA3	
2	0	0	0	50	0	0	0	00	50

CA1: Continuous Assessment (assignments/projects/open book tests/closed book tests **CA2:** Sincerity in attending classes/class tests/ timely submissions of assignments/self-learning attitude/solving advanced problems **TEE:** Term End Examination **TEP:** Term End Practical Exam (Performance and viva on practical skills learned in course) **CA3:** Regular submission of Lab work/Quality of work submitted/Active participation in lab sessions/viva on practical skills learned in course

Content:

Sr. No.	Topics	Teaching Hrs.	Module Weightage
1	Introduction to Indian Philosophy: Basics of Indian Philosophy, culture, civilization, culture and heritage, general characteristics of culture, importance of culture in human literature, Indian culture, Ancient India, Medieval India, Modern India.	5	15
2	Basic structure of Indian knowledge systems: Vedas, Upanishads (Ayurveda, Dhanurveda, Gandarvaveda, Stapatya etc.), schools of Vedanta (Siksha, Kalp, Nirukat, Vyakaran, Jyotish, Chhand, Dharmashastra, Mimansha, Puran, Tarkshastra etc.), philosophical ideas, the role of Sanskrit, significance of scriptures to current society.	7	25
3	Religion and Philosophy: Religion and philosophy in ancient India, religion and philosophy in medieval India, other religion philosophical literature, religious reform movements in modern India (selected movements only)	6	20
4	Indian Fine Arts & Its Philosophy (Art, Technology & Engineering): Indian Painting, Indian handicrafts, music, divisions of Indian classical music, modern Indian music, dance and drama, Indian architecture (ancient, medieval and modern), science and technology in India, development of science in ancient, medieval and modern Indian. Yoga and holistic health care.	5	15



Approved version 2021-22



5	Modern Science and Indian Knowledge System: Education in ancient, medieval and modern India, aims of education, subjects, languages, science and scientists of ancient India, scientists of medieval India, scientists of modern India. The role of Gurukulas in education system, value based education.	7	25
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Suggested Specification Table of Marks as per Bloom's Taxonomy (Theory/Practical):

% Distribution of Marks					
R Level	U Level	A Level	N Level	E Level	C Level
10	50	30	10	0	0

Legends: R: Remembrance, U: Understanding; A: Application, N: Analyze, E: Evaluate C: Create and above Levels.

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books:

Sr. No.	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
1.	Text and Interpretation: The India Tradition	Kapil Kapoor	D.K. Print World Ltd ISBN: 978-8124603376	2005	1st edition
2.	Science in Samskrit	Sanskrita Bharati	Sanskrita Bharati ISBN-13:978- 8187276333	2007	1st edition
3.	NCERT, "Position paper on Arts, Music, Dance and Theatre"	National Council of Educational Research and Training	NCERT ISBN 81-7450-494- X,2006	2006	1st edition
4.	Education and Examination Systems in Ancient India	S. Narain,	Kalpaz Publication SKU: 98789351282518	2017	1st edition
5.	Founders of Sciences in Ancient India	Satya Prakash,	Vijay Kumar Publisher	1989 Digitized 2007	-
6.	Essentials of Indian Philosophy	M. Hiriyanna,	Motilal Banarsidas Publishers, ISBN-13: 978- 8120813304	2015	4th Edition
7.	An Introduction to Indian Philosophy	Chatterjee. S & Dutta	Rupa & Co ISBN-13 : 978- 8129111951	2012	1st edition
8.	Yoga Sutra of Patanjali		Ramakrishna Mission, Kolkata		
9.	Cultural Heritage of India-course material	V. Sivaramakrishnan	Bharatiya Vidya Bhavan	2014	5th Edition





Sr. No.	Title of book /article	Author(s)	Publisher and details like ISBN	Year of publication	Publication Edition
10.	India Arts	Pramod Chandra	Howard Univ. Press	1983	1st edition
11.	Traditional Knowledge System in India	Amit Jha	Atlantic Publishers and Distributors Pvt Ltd, ISBN-13 : 978-8126912230	2009	2nd edition

Course Outcome:

Sr. No.	CO Statement	Marks % weightage
	After learning this subject, students will be able to	
CO-1	Explain philosophy of Indian culture. (R,U - Cognitive level)	15%
CO-2	Distinguish the Indian languages and literature among global perspective. (R,U,A - Cognitive level)	15%
CO-3	Differentiate the philosophy of ancient, medieval and modern India (U,A - Cognitive level)	25%
CO-4	Explain the evolution of fine arts in India (R,U, -Cognitive level)	20%
CO-5	Relate the contribution of Indian scientists of different eras. (R,U,A,N - Cognitive level)	25%

Mapping with POs:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO-1	1	1	0	0	0	1	0	3	2	1	1	1	1	1	1
CO-2	1	0	0	1	0	1	1	2	1	2	2	1	1	1	1
CO-3	1	1	0	0	0	1	0	3	2	1	2	2	1	1	1
CO-4	1	0	0	0	0	0	1	0	0	2	1	1	1	1	1
CO-5	2	1	1	1	1	0	2	1	2	0	2	1	1	1	1
Rationale*	6	3	1	2	1	3	4	9	7	6	8	6	5	5	5

*Rationale: Ancient India was rich in culture & heritage. Today's modern education system is trying to co-relate it with the ancient philosophy. To understand it in more defined form the students need to correlate this with each other.

List of Open Source/Learning website: <https://nptel.ac.in/courses/121106003>

List of Open Software: Nil

